Gastrointestinal Radiology

A Journal of Diagnostic Imaging

Volume 9 1984

Editors-in-Chief

Morton A. Meyers
School of Medicine, Health Sciences Center, SUNY at Stony Brook, Stony Brook, NY 11794, USA

Gary G. Ghahremani
Evanston Hospital – Northwestern University, 2650 Ridge Avenue, Evanston IL 60201, USA

Assistant Editor

Richard M. Gore
Chicago, Illinois, USA

Editorial Board

L.A. Ackerman
Stony Brook, New York, USA

Robert N. Berk
San Diego, California, USA

Pierre Bodart
Brussels, Belgium

H. Joachim Burhenne
Vancouver, B.C., Canada

Jose M. Cardoso
Mexico City, Mexico

Harley C. Carlson
Rochester, Minnesota, USA

James L. Clements, Jr.
Atlanta, Georgia, USA

Corrado Colagrande
Rome, Italy

Gerald D. Dodd
Houston, Texas, USA

Martin W. Donner
Baltimore, Maryland, USA

R. Felix
Berlin, FRG

Joseph T. Ferrucci, Jr.
Boston, Massachusetts, USA

Walter Frommhold
Tübingen, FRG

David Gelfand
Winston Salem, North Carolina, USA

Jan H. Göthlin
Bergen, Norway

Viktor Hegedüs
Copenhagen, Denmark

Hans Herlinger
Philadelphia, Pennsylvania, USA

Heizaburo Ichikawa
Tokyo, Japan

Igor Laufer
Philadelphia, Pennsylvania, USA

John W. Laws
London, UK

Josef Lissner
Munich, FRG

Leon Love
Maywood, Illinois, USA

Anders Lunderquist
Lund, Sweden

Alexander R. Margulis
San Francisco, California, USA

Roscoe E. Miller
Indianapolis, Indiana, USA

Basil C. Morson
London, UK

Henri Nahum
Clichy, France

Roger A. Parienty
Antony, France

Jacques Pringot
Brussels, Belgium

William B. Seaman
New York, New York, USA

Hikoo Shirakabe
Tokyo, Japan

Albert Solomon
Tel-Aviv, Israel

Ad E. van Voorthuisen
Leiden, The Netherlands

Manuel Viamonte, Jr.
Miami Beach, Florida, USA

Springer International

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions, also in microform, is transferred to the publisher.

The use of registered names, trademarks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Printed in Germany by Universitätsdruckerei H. Stürtz AG, Würzburg

© 1984 by Springer-Verlag New York Berlin Heidelberg Tokyo

Author Index

(A) = Abstract, (BR) = Book Review

Ääarimaa, M.: *see* Mäkelä, P. *et al.* (A) 177
Abdesselem, K.: *see* Gastli, H. *et al.* (A) 175
Ablin, D.S.: *see* Ott, D.J. *et al.* (A) 276
Achkar, E.: *see* Farmer, R.G. *et al.* (BR) 378
Agha, F.P.: Candidiasis-Induced Esophageal Strictures 283
Agha, F.P.: Transient Intraluminal Diverticulum of the Esophagus: A Significant Flow Artifact 99
Agha, F.P., and Wimbish, K.J.: Hirsute Esophagus: Clinical and Roentgen Features 297
Akwoari, O.: *see* Kelvin, F.M. *et al.* (A) 277
Alexander, G.: *see* Wilkinson, M. *et al.* 223
Altaras, J.: Radiologic Atlas of the Colon and Rectum (BR) 378
Applbaum, Y.: *see* Javors, BR. *et al.* 357
Arienti, V.: *see* Bolondi, L. *et al.* 375
Atkinson, G.O., Gay, B.B., Ball, T.I., and Caplan, D.B.: Yersinia Enterocolitica Colitis in Infants: Radiographic Changes (A) 86
Auh, Y.H.: *see* Rubenstein, W.A. *et al.* (A) 178
Aviad, I.: *see* Udassin, R. *et al.* 9
Bachman, A.H.: *see* Friedman, A.C. *et al.* 179
Baer, U.: *see* Souchon, R. *et al.* (A) 88
Baert, A.L.: *see* Marchal, G. *et al.* 329
Baert, A.L.: *see* Van Steenbergen, W. *et al.* 293
Balfe, D.M.: *see* Picus, D. *et al.* 5
Ball, T.I.: *see* Atkinson, G.O. *et al.* (A) 86
Balthazar, E.J., Subramanyam, B.R., and Megibow, E.: Spigelian Hernia: CT and Ultrasonography Diagnosis 81
Barmeir, E.P., Solomon, H., Charuzi, I., and Hirsch, M.: Radiologic Assessment of the Distal Stomach and Duodenum after Gastric Bypass: Percutaneous CT-Guided Transcatheter Technique 203
Bartoli, E., Calonaci, N., and Nenci, R.: Ultrasonography of the Gallbladder in Pregnancy 35
Bauknecht, K.J.: *see* Souchon, R. *et al.* (A) 88
Bautz, W., and Schindler, G.: Comparison between Standard and Double Contrast Examinations of the Small Bowel (A) 88
Becker, C.D., and Vock, P: Appearance of Gas-Containing Gallstones on Sonography and Computed Tomography 323
Bellusci, R.: *see* Bolondi, L. *et al.* (A) 375
Beltrán, J., Grande, J., Ferreres, I., Equidazu, J., López, E., and Garcia, S.: Percutaneous Management of Abdominal Abscesses with GI Tract Fistulous Communication: Report of 2 Cases 65
Beltrán, J.: *see* Miguel, F. de, *et al.* 157
Benacerraf, R.: *see* Blangy, S. *et al.* (A) 376
Benedetto, A.R.: *see* Blumhardt, R. *et al.* 353
Benharroch, D.: *see* Maroko, I. *et al.* 105
Berk, R.N., Ferrucci, J.T., and Leopold, G.R.: Radiology of the Gallbladder and Bile Ducts: Diagnosis and Intervention (BR) 182
Bernstein, R.G.: *see* Weiner, S.N. *et al.* 123
Berrigan, T.: *see* Picus, D. *et al.* 5
Beyer, D.: *see* Lorenz, R. *et al.* 213
Beyer, J.: *see* Gunther, R.W. *et al.* (A) 179
Blangy, S., Cornud, Fr., Sibert, A., and Benacerraf, R.: Real Time Ultrasonography of the Duct of Wirsung: Comparison with Measurements Obtained at ERCP (A) 376
Bloom, R.A., Gordon, R.L., Manny, Y., and Engelberg, M.: Seeding of Cholangiocarcinoma along T-Tube Tracts 167
Blumhardt, R., Growcock, G.W., Hartshorne, M.F., Lasher, J.C., Benedetto, A.R., and Bunker, S.R.: Patterns of Intestinal Activity with Meckel's Scintigraphy 353
Bodart, P.: *see* Mahieu, P. *et al.* 247
Bodart, P.: *see* Mahieu, P. *et al.* 253
Boetes, C.: *see* Strijk, S.P. *et al.* 49
Bolondi, L., Mazziotti, A., Arienti, V., Casanova, P., Gasbarieni, G., Cavallari, A., Bellusci, R., Gozzetti, G., Possati, L., and Labo, G.: Ultrasonographic Study of Portal Venous System in Portal Hypertension and after Portosystemic Shunt Operations (A) 375
Bookstein, J.J.: *see* Lyon, J. *et al.* (A) 375
Bova, J.G.: *see* Telepak, R.J. *et al.* 369
Brady, C.E., III: *see* Di Palma, J. *et al.* (A) 274
Brockman, W.P.: *see* Crone-Münzenbrock, W. *et al.* (A) 275
Broeckaert, L.: *see* Van Steenbergen, W. *et al.* 293
Bronin, R.A., Glick, S.N., and Teplick, S.K.: Diffuse Lymphoid Follicles of the Colon Associated with Colonic Carcinoma (A) 276
Brouillard, J.: *see* Bruneton, J.N. *et al.* (A) 176
Bruneton, J.N., Brouillard, J., Roux, P., Ettore, F., and Lecomte, P.: Neurogenic Tumors of the Stomach. Report of 18 Cases and Review of the Literature (A) 176
Bruneton, J.N., Eresue, J., Caramella, E., Drouillard, J., Roux, P., and Fenart, D.: Ultrasonography of Congenital Hepatic Cysts (A) 177
Brunner, D., Feifarek, C., McNeely, D., and Haney, P.: CT of Pseudomembranous Colitis 73
Bryk, D.: Gastric Involvement in Abdominal Wall Hernias 311
Buck, J.: *see* Treugut, H. *et al.* (A) 176
Bunker, S.R.: *see* Blumhardt, R. *et al.* 353
Burger, G.: *see* Sansot, M. *et al.* (A) 178
Burhenne, J.J.: *see* Dalley, R.W. *et al.* 363
Burhenne, H.J.: *see* Margulis, A.R. *et al.* (BR) 181
Burney, B.T.: *see* Maglinte, D.D.T. *et al.* (A) 373
Burt, R.: *see* O'Connor, K.W. *et al.* (A) 87
Bustamente, V.: *see* Miguel, F. de, *et al.* 157
Cáceres, J.: *see* Martinez, A. *et al.* 231
Cáceres, J.: *see* Pérez, C. *et al.* 365
Calonaci, N.: *see* Bartoli, E. *et al.* 35
Caplan, D.B.: *see* Atkinson, G.O. *et al.* (A) 86
Caramella, E.: *see* Bruneton, J.N. *et al.* (A) 177
Caridi, J.G.: *see* Fagelman, D. *et al.* 153
Carlson, H.C.: *see* Culp, C.E. *et al.* 69
Carlson, H.C.: *see* Johnson, C.D. *et al.* (A) 88
Carlson, H.C.: *see* Teefey, S.A. *et al.* (A) 276
Caroline, D.: *see* Levine, M.S. *et al.* (A) 373
Carrasco, J.: *see* Miguel, F. de, *et al.* 157
Carter, B.L.: *see* Sarno, R.C. *et al.* (A) 177
Carter, M.M., and Kulkarni, M.V.: Giant Fibrovascular Polyp of the Esophagus 301
Cartwright, C.A.: *see* Lyon, J. *et al.* (A) 375
Casanova, P.: *see* Bolondi, L. *et al.* (A) 375
Casula, G., Scattone, S., Cossu, L., and Simonetti, G.: Hemobilia from Ruptured Hepatic Artery Aneurysm: Angiographic Demonstration of Arteriobiliary Fistula in a Successfully Treated Case 171

Cavallari, A.: *see* Bolondi, L. *et al.* (A) 375
Cerro, P.: *see* Fanucci, A. *et al.* 349
Chandrasoma, P.: *see* Radin, D.R. *et al.* 359
Charuzi, I.: *see* Barmeir, E.P. *et al.* 203
Chau, W.K., Lai, K.H., and Lo, K.J.: Sonographic Findings of Intraabdominal Foreign Bodies due to Retained Gauze 61
Chen, D.S.: *see* Sheu, J.C. *et al.* (A) 375
Chen, Y.M.: *see* Ott, D.J. *et al.* 193
Chernish, S.M.: *see* Maglinte, D.D.T. *et al.* (A) 373
Chernish, S.M.: *see* Maglinte, D.D.T. *et al.* (A) 374
Claussen, C.: *see* Schorner, W. *et al.* (A) 179
Clements, J.L. Jr., and Roche, R.R.: Carcinoid of the Duodenum: A Report of Six Cases 17
Clouse, M.E., and Falchuk, K.R.: Percutaneous Transhepatic Removal of Common Duct Stones: Report of Ten Patients (A) 278
Clouse, M.E.: *see* Costello, P. *et al.* (A) 376
Cockerill, E.M.: *see* O'Connor, K.W. *et al.* (A) 87
Cordes, U.: *see* Gunther, R.W. *et al.* (A) 179
Cornud, Fr.: *see* Blangy, S. *et al.* (A) 376
Cosgrove, D.O., and McCready, V.R.: Ultrasound Imaging – Liver – Spleen – Pancreas (BR) 90
Cossu, L.: *see* Casula, G. *et al.* 171
Costello, P., Duszlak, E.J. Jr., Kane, R.A., Lee, R.G.L., and Cluse, M.E.: Peripancreatic Lymph Node Enlargement in Hodgkin's Disease, Non-Hodgkin's Lymphoma, and Pancreatic Carcinoma (A) 376
Cremer, M.: *see* Van Gansbeke, D. *et al.* 335
Cremer, M.: *see* Van Gansbeke, D. *et al.* 341
Crone-Münzenbrock, W., and Brockman, W.P.: Diagnosis and Follow-up of Malignant Lymphoma of the Stomach by CT and Ultrasonography (A) 275
Culp, C.E., and Carlson, H.C.: Is There a Safe Interval between Diagnostic Invasive Procedure and the Barium Enema Study of Colorectum? 69
Dach, J.L.: *see* Pelaez, J.C. *et al.* (A) 273
Dachman, A.H.: *see* Friedman, A.C. *et al.* (A) 179
Dähnert, W., Günther, R., Klose, K., and Gamstätter, G.: Results of Percutaneous Abscess Drainage (A) 175
Dalley, R.W., and Burhenne, H.J.: Brachycolon in the Differential Diagnosis of Colitis 363
Das, K.: *see* Weiner, S.N. *et al.* 123
De Groote, J.: *see* Van Steenbergen, W. *et al.* 293
Degryse, H.R.M., and De Schepper, A.M.A.P.: Aphthoid Esophageal Ulcers in Crohn's Disease of Ileum and Colon 197
Demas, B.E., and Margulis, A.R.: Combined Use of Double- and Single-Contrast Barium Enema in the Evaluation of Suspected Colonic Disease 241
Demas, B.E., Moss, A.A., and Goldberg, H.I,: Computed Tomographic Diagnosis of Complications of Transhepatic Cholangiography and Percutaneous Biliary Drainage 219
De Schepper, A.M.A.P.: *see* Degryse, H.R.M. 197
De Toef, J.: *see* Van Gansbeke, D. *et al.* 341
Deveney, C.W.: *see* Stark, D.D. et al. (A) 279
Dewbury, K.C., and Smith, C.L.: The Misdiagnosis of Common Bile Duct Stones with Ultrasound (A) . . 176
Di Palma, J., and Brady, C.E., III: Herpes Simplex Esophagitis in Nonimmunosuppressed Host with Gastroesophageal Reflux (A) 274
Distelmaier, W.: *see* Köster, O. *et al.* (A) 178
Doyle, T.C.: Flattened Fundus Sign of the Septate Gallbladder 345
Drouillard, J.: *see* Bruneton, J.N. *et al.* (A) 177
Duszlak, E. J. Jr.: *see* Costello, P. *et al.* (A) 376
Eguidazu, J.: *see* Beltran, J. *et al.* 65
Elkin, C.M., Weissmann, H.S., and Freeman, L.M.: Gallstone Ileus Diagnosed by Technetium – ^{99m}Dimethyliminodiacetic Acid Cholescintigraphy (A) 374
Ellis, J.J.: *see* Phatak, M.G. *et al.* 133
Elmore, M.: *see* Maglinte, D.D.T. *et al.* (A) 373
Engelberg, M.: *see* Bloom, R.A. *et al.* 167
Engelholm, J.: *see* Van Gansbeke, D. *et al.* 335
Engelholm, L.: *see* Van Gansbeke, D. *et al.* 341
Epstein, B.: *see* Segal, I. *et al.* 115
Eresue, J.: *see* Bruneton, J.N. *et al.* (A) 177
Eskridge, J.M.: *see* Lappas, J.C. *et al.* (A) 277
Essop, A.R., Posen, J.A., Savitch, I., Levin, J., and Kew, M.C.: Radiocolloid Liver Imaging in Tuberculous Hepatitis (A) 376
Ettore, F.: *see* Bruneton, J.N. *et al.* (A) 176
Fagelman, D., and Caridi, J.G.: CT Diagnosis of Hernia of Morgagni 153
Falchuk, K.R.: *see* Clouse, M.E. *et al.* (A) 278
Fancuchen, E.I.: *see* Martin, E.C. *et al.* 207
Fanucci, A., Cerro, P., Fraracci, L., and Ietto, F.: Small Bowel Length Measured by Radiography 349
Farmer, R.G., Achkar, E., and Flesher, B.: Clinical Gastroenterology (BR) 378
Federle, M.P.: *see* Jeffrey, R.B. *et al.* (A) 86
Federles, M.P.: *see* Karasawa, E. *et al.* (A) 179
Feifarek, C.: *see* Brunner, D. *et al.* 73
Feldberg, M.A.M.: Computed Tomography of the Retroperitoneum – An Anatomical and Pathological Atlas with Emphasis on the Fascial Planes (BR) 280
Fenart, D.: *see* Bruneton, J.N. *et al.* (A) 177
Ferreres, I.: *see* Beltran, J. *et al.* 65
Ferrucci, J.T.: *see* Sonnenberg, E. van, et al. (A) . . . 85
Ferrucci, J.T.: *see* Berk, R.N. *et al.* (BR) 182
Fevery, J.: *see* Marchal, G. *et al.* 329
Fevery, J.: *see* Van Steenbergen, W. *et al.* 293
Fishman, E.K., Zinreich, E.S., Jones, B., and Siegelman, S.S.: Computed Tomographic Diagnosis of Radiation Ileitis 149
Flannigan, B.D., Gomes, A.S., Stambuck, E.C., Lois, J.F., and Pais, S.O.: Intra-arterial Digital Subtraction Angiography: Comparison with Conventional Hepatic Arteriography (A) 86
Flesher, B.: *see* Farmer, R.G. *et al.* (BR) 378
Foley, N.T.: *see* Skellenger, M.E. *et al.* (A) 87
Frank, P.H.: *see* Kerber, G.W. *et al.* (A) 373
Frank, S.J.: *see* Phatak, M.G. *et al.* 133
Fraracci, L.: *see* Fanucci, A. *et al.* 349
Freeman, L.M.: *see* Elkin, C.M. *et al.* (A) 374
Freeman, L.M.: *see* Winn, M. et al. (A) 374
Freeny, P.C., and Lawson, T.L.: Radiology of the Pancreas (BR) 89
Frick, M.P.: *see* Salmonowitz, E. *et al.* 57
Friedman, A.C., Lichtenstein, J.E., and Bachman, A.H.: Cystic Neoplasms of the Pancreas: Radiologic-Pathologic Correlation (A) 279
Friedman, A.C., Lichtenstein, J.E., and Dachman, A.H.: Cystic Neoplasms of the Pancreas, Radiological Pathological Correlation (A) 179
Fritzberg, A.R.: *see* Kuni, C.C. *et al.* 163
Fujino, Y.: *see* Sato, T. *et al.* 23
Fujita, M.: *see* Sato, T. *et al.* 23
Fukuda, M.: *see* Kusuhara, T. *et al.* 305
Furui, S., Otomo, K., Itai, Y., and Iio, M.: Hepatocellular Carcinoma Treated by Transcatheter Arterial Embolization: Progress Evaluated by Computerized Tomography (CT) (A) 375

Gamroth, A.: *see* Kober, B. *et al.* (A) 178
Gamstätter, G.: *see* Dähnert, W. *et al.* (A) 175
Gamsu, G.: *see* Moss, A.A. *et al.* (BR) 377
Garcia, N.: *see* Miguel, F. de, *et al.* 157
Garcia, S.: *see* Beltran, J. *et al.* 65
Gasbarieni, G.: *see* Bolondi, L. *et al.* (A) 375
Gastli, H., Hassine, W., Abdesselem, K., and Gharbi, K.A.: Ultrasonographic Findings in Peritoneal Tuberculosis (A) 175
Gay, B.B.: *see* Atkinson, G.O. *et al.* (A) 86
Geboes, K.: *see* Marchal, G. *et al.* 329
Gelfand, D.W.: *see* Obrecht, W.F. *et al.* 161
Gelfand, D.W.: *see* Ott, D.J. *et al.* 185
Gelfand, D.W.: *see* Ott, D.J. *et al.* 193
Gelfand, D.W.: *see* Ott, D.J. *et al.* (A) 276
Gelin, J.: *see* Marchal, G. *et al.* 329
Genant, H.K.: *see* Moss, A.A. *et al.* (BR) 377
Gerard, P.: *see* Javors, B.R. *et al.* 357
Ghahremani, G.G., and Rushovich, A.M.: Glycogenic Acanthosis of the Esophagus: Radiographic and Pathologic Features 287
Ghahremani, G.G.: *see* O'Connell, E.W. *et al.* 287
Gharbi, K.A.: *see* Gastli, H. *et al.* (A) 175
Glick, S.N.: *see* Bronen, R.A. *et al.* (A) 276
Goergen, Th.G.: Serendipity in Scintigraphic Gastrointestinal Bleeding Studies (A) 374
Gold, M.: *see* Weiner, S.N. *et al.* 123
Goldberg, H.I.: *see* Demas, B.E. *et al.* 219
Goldberg, H.I.: *see* Li-Yeng, C. *et al.* 39
Goldberg, H.I.: *see* Karasawa, E. *et al.* (A) 179
Goldberg, H.I.: *see* Stark, D.D. *et al.* (A) 279
Goldberg, R.P.: *see* McArdle, C.R. *et al.* 239
Goldecke, R.: *see* Schild, H. *et al.* (A) 176
Goldman, R., Hunter, T.B., and Haber, K.: The Silent Abdominal Abscess: Role of the Radiologist (A) . . 273
Gomes, A.S.: *see* Flannigan, B.D. *et al.* (A) 86
Gordon, R.L.: *see* Bloom, R.A. *et al.* 167
Goren, R.: *see* Levine, M.S. *et al.* (A) 274
Gozzetti, G.: *see* Bolondi, L. *et al.* (A) 375
Grabbe, E., Lierse, W., and Winkler, R.: The Perirectal Fascia: Morphology and Use in Staging of Rectal Carcinoma (A) 277
Grande, J.: *see* Beltran, J. *et al.* 65
Granqvist, S.: Colonic Varices caused by Carcinoid Tumor 269
Grant, J.B.: *see* Kelvin, F.M. *et al.* (A) 277
Grant, J.P.: *see* Pink, R. *et al.* 255
Gray, H.W.: *see* Mills, P.R. *et al.* (A) 374
Greenberg, M.: *see* Kerber, G.W. *et al.* 143
Greenspan, B.: *see* Pillari, G. *et al.* 263
Growcock, G.W.: *see* Blumhardt, R. *et al.* 353
Grundy, A., Rayter, Z., and Shorthouse, A.J.: Gastrogastric Intussuscepting Leiomyomas 319
Günther, R., Klose, K.J., Ruckert, K., Kuhn, F.P., Beyer, J., Klotter, H.J., and Cordes, U.: Islet Cell Tumors: Detection of Small Lesions with Computerized Tomography and Ultrasound (A) 179
Günther, R., Klose, K., Schmidt, H.D., and Staritz, M.: Percutaneous Transhepatic Fragmentation of Gall Stones and Extraction of Fragments (A) 177
Günther, R.: *see* Dähnert, W. *et al.* (A) 175
Günther, R.: *see* Kuhn, F.-P. *et al.* (A) 175
Günther, R.: *see* Schild, H. *et al.* (A) 176
Haber, K.: *see* Goldman, R. *et al.* (A) 273
Hackl, A.: *see* Steiner, H. *et al.* 1
Hall, R.: *see* Maglinte, D.D.T. *et al.* (A) 373
Halls, J.M.: *see* Radin, D.R. *et al.* 359
Han, S.Y.: *see* Tishler, J.M. *et al.* (A) 274
Haney, P.: *see* Brunner, D. *et al.* 73
Hartshorne, M.F.: *see* Blumhardt, R. *et al.* 353
Hassine, W.: *see* Gastli, H. *et al.* (A) 175
Heaston, D.K.: *see* Kelvin, F.M. *et al.* (A) 277
Heeney, D.J.: *see* Lyon, J. *et al.* (A) 375
Helman, C.A.: *see* Tishler, J.M. *et al.* (A) 274
Herlinger, H.: *see* Levine, M.S. *et al.* (A) 274
Herlinger, H.: *see* Levine, M.S. *et al.* (A) 373
Hermann, H.J.: *see* Kober, B. *et al.* (A) 178
Hill, M.C.: *see* Pelaez, J.C. *et al.* (A) 273
Hirsch, M.: *see* Barmeir, E.P. *et al.* 203
Hirsch, M.: *see* Maroko, I. *et al.* 105
Ho, K.-J., Skin, M.S., and Tischler, J.M.: Computed Tomographic Distinction of Submucosal Lipoma and Adenomatous Polyp of the Golon 77
Hoffman, J.: *see* Schild, H. *et al.* (A) 176
Holden, R.W.: *see* Rust, R.J. *et al.* 107
Huggins, T.J.: *see* Telepak, R.J. *et al.* 369
Hunter, T.B.: *see* Goldman, R. *et al.* (A) 273
Hyams, V.J.: *see* Olmstead, W.W. *et al.* (A) 86
Ietto, F.: *see* Fanucci, A. *et al.* 349
Iio, M.: *see* Furui, S. *et al.* (A) 375
Isikoff, M.B.: *see* Pelaez, J.C. *et al.* (A) 273
Itai, Y.: *see* Furui, S. *et al.* (A) 375
Jarvinen, H.J., Nyberg, M., and Peltokallio, P.: Biliary Involvement in Familial Adenomatosis Coli (A) . . 85
Javors, B.R., Applbaum, Y., and Gerard, P.: Severe Allergic Reaction: An Unusual Complication of Barium Enema 357
Jeffrey, R.B., Federle, M.P., Laing, F.C., Wall, S., Rego, J., and Moss, A.A.: Computed Tomography of Choledocholithiasis (A) 86
Johnson, C.D., Carlson, H.C., Taylor, W.F., and Weiland, L.P.: Barium Enemas of Carcinoma of the Colon: Sensitivity of Double- and Single-Contrast Studies (A) 88
Jones, B.: *see* Fishman, E.K. *et al.* 149
Jordan, P.H., Jr.: *see* Skellenger, M.E. *et al.* (A) 87
Jouve, P.: *see* Sansot, M. *et al.* (A) 178
Jouve, P.: *see* Sansot, M. *et al.* (A) 277
Kaftori, J.K., Pery, M., and Kleinhaus, U.: Ultrasonography in Crohn's Disease 137
Kajita, A.: *see* Sato, T. *et al.* 23
Kakatsuka, H.: *see* Yamada, R. *et al.* (A) 178
Kalima, T.V.: *see* Somer, K. *et al.* 31
Kane, R.A.: *see* Costello, P. *et al.* (A) 376
Kania, U.: *see* Souchon, R. *et al.* (A) 88
Karasawa, E., Goldberg, H.I., Moss, A.A., Federles, M.P., and London, S.S.: CT Pancreatogram in Carcinoma of the Pancreas and Chronic Pancreatitis (A) 179
Kaude, J.V.: Fluoroscopically Controlled Examination of the Upper Gastrointestinal Tract Using Low Density Barium. A Review of 139 Endoscopically Proven Lesions (A) 176
Kawabata, M.: *see* Yamada, R. *et al.* (A) 178
Kawamoto, S.: *see* Sato, T. *et al.* 23
Kazam, E.: *see* Rubenstein, W.A. *et al.* (A) 178
Kelvin, F.M., Korobkin, N., Heaston, D.K., Grant, J.B., and Akwoari, O.: The Pelvis after Surgery for Rectal Carcinoma: Serial CT Observations with Emphasis on Nonneoplastic Features (A) 277
Kelvin, F.M.: *see* Pink, R. *et al.* 235
Kerber, G.W., Greenberg, M., and Rubin, J.M.: Computed Tomography Evaluation of Local and Extraintestinal Complications of Crohn's Disease 143
Kerber, G.W., and Frank, P.H.: Carcinoma of the Small

Intestine and Colon as a Complication of Crohn's Disease: Radiologic Manifestations (A) 373
Kerremans, R.: *see* Marchal, G. *et al.* 329
Keto, P., Suoranta, H., Myllarniemi, H., and Nickels, J.: Area Gastricae in Gastritis: Lack of Correlation between Size and Histology (A) 275
Kew, M.C.: *see* Essop, A.R. *et al.* (A) 376
Kimmig, B.: *see* Kober, B. *et al.* (A) 178
Kishi, K.: *see* Takayasu, K. *et al.* (A) 374
Kivilaakso, E.: *see* Kivisaari, L. *et al.* 27
Kivisaari, L., Somer, K., Standertskjöld-Nordenstam, C.-G., Schröder, T., Kivilaakso, E., and Lempinen, M.: A New Method for the Diagnosis of Acute Hemorrhagic-Necrotizing Pancreatitis Using Contrast-Enhanced CT 27
Kiwisaari, L.: *see* Somer, K. *et al.* 31
Kleinhaus, U.: *see* Kaftori, J.K. *et al.* 137
Klingensmith, W.C., III: *see* Kuni, C.C. *et al.* 163
Klingensmith, W.C., III: *see* Kuni, C.C. *et al.* (BR) . . 90
Klose, K.: *see* Dähnert, W. *et al.* (A) 175
Klose, K.: *see* Günther, R. *et al.* (A) 177
Klose, K.: *see* Günther, R. *et al.* (A) 179
Klose, K.: *see* Kuhn, F.-P. *et al.* (A) 175
Klotter, H.J.: *see* Günther, R.W. *et al.* (A) 179
Kobayashi, S.: *see* Shirakabe, H. *et al.* (BR) 181
Kober, B., Gamroth, A., Hermann, H.J., Winkel, K. zum, Mende, U., and Kimmig, B.: Angio-CT: An Improvement in the Diagnosis of Malignant Liver Disease (A) 178
Kopecky, K.K.: *see* Rust, R.J. *et al.* 107
Korobkin, N.: *see* Kelvin, F.M. *et al.* (A) 276
Köster, O., Lelbach, W.K., Leipner, N., and Distelmaier, W.: Computed Tomography for Malignant Mesenchymal Tumors of the Liver (A) 178
Kressel, H.Y.: *see* Levine, M.S. *et al.* (A) 274
Kressel, H.Y.: *see* Levine, M.S. *et al.* (A) 373
Kuhn, F.-P., Schreyer, Th., Schild, H., Klose, K, and Günther, R.: Sonography in Blunt Abdominal Trauma (A) 175
Kuhn, F.P.: *see* Günther, R.W. *et al.* (A) 179
Kuhn, J.R., and Tunell, W.P.: The Role of Initial Cineesophagography in Caustic Esophageal Injury (A) . . . 274
Kulkarni, M.V.: *see* Carter, M.M. *et al.* 301
Kuni, C.C., Klingensmith, W.C., III, and Fritzberg, A.R.: Evaluation of Intrahepatic Cholestasis with Radionuclide Hepatobiliary Imaging 163
Kuni, C.C., and Klingensmith, W.C., III: Atlas of Radionuclide Hepatobiliary Imaging (BR) 90
Kursawe, R.: *see* Lüning, M. *et al.* (A) 273
Kusuhara, T., Watanabe, K., and Fukuda, M.: Radiographic Study of Acute Gastric Anisakiasis 305
Labo, G.: *see* Bolondi, L. *et al.* (A) 375
Laffey, K.L.: *see* Martin, E.C. *et al.* 207
Lai, K.H.: *see* Chau, W.K. *et al.* 61
Laing, F.C.: *see* Jeffrey, R.B. *et al.* (A) 86
Lammer, J.: *see* Steiner, H. *et al.* 1
Lappas, J.C., Miller, R.E., Lehman, G.A., Eskridge, J.M., and Morton, J.A.: Post Endoscopy Barium Enema Examinations (A) 277
Larkworthy, W.: *see* Wilkinson, M. *et al.* 223
La Russo, N.F.: *see* MacCarty, R.L. *et al.* (A) 177
La Russo, N.F.: *see* MacCarty, R.L. *et al.* (A) 278
Lasher, J.C.: *see* Blumhardt, R. *et al.* 353
Laufer, I.: *see* Levine, M.S. *et al.* (A) 274
Laufer, I.: *see* Levine, M.S. *et al.* (A) 373
Lawson, H.H.: *see* Segal, I. *et al.* 115
Lawson, T.L.: *see* Freeny, P.C. *et al.* (BR) 89
Lecomte, P.: *see* Bruneton, J.N. *et al.* (A) 176
Lee, R.G.L.: *see* Costello, P. *et al.* (A) 376
Lehman, G.A.: *see* Lappas, J.C. *et al.* (A) 277
Leipner, N.: *see* Köster, O. *et al.* (A) 178
Lelbach, W.K.: *see* Köster, O. *et al.* (A) 178
Lempinen, M.: *see* Kivisaari, L. *et al.* 27
Leopold, G.R.: *see* Berk, R.N. *et al.* (BR) 182
Le Treut, Y.: *see* Sansot, M. *et al.* (A) 178
Levin, J.: *see* Essop, A.R. *et al.* (A) 376
Levine, M.S., Caroline, D., Thompson, J.J., Kressel, H.Y., Laufer, I., and Herlenger, H.: Adenocarcinoma of the Esophagus: Relationship to Barrett Mucosa (A) . . 373
Levine, M.S., Kressel, H.Y., Laufer, I., Herlinger, H. and Goren, R.: The Tube Esophagram: A Technique for Obtaining a Detailed Double Contrast Examination of the Esophagus (A) 274
Lichtenstein, J.E.: *see* Friedman, A.C. *et al.* (A) 179
Lichtenstein, J.E.: *see* Olmstead, W.W. *et al.* (A) . . . 86
Lierse, W.: *see* Grabbe, E. *et al.* (A) 277
Lindner, A.E.: *see* Marshak, R.H. *et al.* (BR) 89
Li-Yeng, C., and Goldberg, H.J.: Sclerosing Cholangitis: Broad Spectrum of Radiographic Features 39
Lo, K.J.: *see* Chau, W.K. *et al.* 61
Lois, J.F.: *see* Flannigan, B.D. *et al.* (A) 86
London, S.S.: *see* Karasawa, E. *et al.* (A) 179
Lopez, E.: *see* Beltram, J. *et al.* 65
Lorenz, R., Beyer, D., and Peters, P.E.: Detection of Intraperitoneal Bile Accumulations: Significance of Ultrasonography, CT, and Cholescintigraphy 213
Ludwig, J.: *see* MacCarty, R.L. *et al.* (A) 177
Ludwig, J.: *see* MacCarty, R.L. *et al.* (A) 278
Lumeng, L.: *see* O'Connor, K.W. *et al.* (A) 87
Lund, G.: *see* Salmonowitz, E. *et al.* 57
Lüning, M., Neuser, D., Kursawe, R., and Pötsche, B.: CT Guided Percutaneous Fine Needle Biopsy in the Diagnosis of Small Adrenal Tumours (A) 273
Lyon, J., Bookstein, J.J., Cartwright, C.A., Romano, F.T., and Heeney, D.J.: Peliosis Hepatis: Diagnosis by Magnification Wedged Hepatic Venography (A) 375
MacCarty, R.L., La Russo, N.F., Wiesner, R.H., and Ludwig, J.: Primary Sclerosing Cholangitis: Findings on Cholangiography and Pancreatography (A) . . . 177
MacCarty, R.L., La Russo, N.F., Wiesner, R.H., and Ludwig, J.: Primary Sclerosing Cholangitis: Findings on Cholangiog-aphy and Pancreatography (A) . . . 278
Maglinte, D.D.T., Hall, R., Miller, R.E., Chernish, S.M., Rosenak, B., Elmore, M., and Burney, B.T.: Detection of Surgical Lesions of the Small Bowel by Enterocysis (A) 373
Maglinte, D.D.T., Peterson, L.A., Vahey, T.N., and Miller, R.E.: Enteroclysis in Partial Small Bowel Obstruction (A) 374
Mahieu,, P., Pringot, J., and Bodart, P.: Defecography: I. Description of a New Procedure and Results in Normal Patients 247
Mahieu, P., Pringot, J., and Bodart, P.: Defecography: II. Contribution to the Diagnosis of Defecation Disorders 253
Mahoney, S.: *see* O'Connor, K.W. *et al.* (A) 87
Mäkelä, P., and Ääarimaa, M.: Choledochal Distensibility at ERCP. A Review of 70 ERCP Examinations after Cholecystectomy (A) 177
Maklansky, D.: *see* Marshak, R.H. *et al.* (A) 89
Manny, Y.: *see* Bloom, R.A. *et al.* 167
Marchal, G., Gelin, J., Van Steenbergen, W., Fevery, J., Vanneste, A., Geboes, K., Kerremans, R., Ponette, E., and Baert, A.L.: Sonographic Diagnosis of Intraluminal Bile Duct Neoplasm: A Report of 3 Cases . . . 329

Margulis, A.R. (ed.), and Burhenne, H.J. (ed.): Alimentary Tract Radiology. 3rd ed. (BR) 181
Margulis, A.R.: *see* Demas, B.E. *et al.* 241
Marlois, O.: *see* Sansot, M. *et al.* (A) 178
Maroko, I., Hirsch, M., Sharon, N., and Benharroch, D.: Calcified Mediastinal Enterogenous Cyst 105
Marsh, W.H.: *see* Stanley, J.H. *et al.* 227
Marshak, R.H., Lindner, A.E., and Maklansky, D.: Radiology of the Stomach (BR) 89
Martin, E.C., Fancuchen, E.I., Laffey, K.L., and Sibley, R.E.: Percutaneous Management of Benign Biliary Disease 207
Martinez, A., Velasco, M., and Caceres, J.: Fine-Needle Biopsy of the Pancreas using Real.Time Ultrasonography 231
Maruyama, M.: *see* Shirakabe, H. *et al.* (BR) 181
Mazziotti, A.: *see* Bolondi, L. *et al.* (A) 375
McArdle, C.R., Goldberg, R.P., and Rachlin, W.S.: Intrauterine Small Bowel Entrapment and Obstruction Complicating Suction Abortion 239
McClennan, B.L.: *see* Picus, D. *et al.* 5
McCready, V.R.: *see* Cosgrove, D.O. *et al.* (BR) . . . 90
McKillop, J.H.: *see* Meek, D.R. *et al.* (A) 374
McNeely, D.: *see* Brunner, D. *et al.* 73
Meek, D.R., Mills, P.R., Gray, H.W., Russell, R.I., and McKillop, J.H.: A Comparison of Computed Tomography Ultrasound and Scintigraphy in the Diagnosis of Alcoholic Liver Disease (A) 374
Megibow, E.: *see* Balthazar, E.J. *et al.* 81
Mende, U.: *see* Kober, B. *et al.* (A) 178
Michell, M.: *see* Wilkinson, M. *et al.* 223
Miguel, F. de, Carrasco, J., Garcia, N., Bustamente, V., and Beltrán, J.: CT Findings in Human Fascioliasis 157
Miller, R.E.: *see* Lappas, J.C. *et al.* (A) 277
Miller, R.E.: *see* Maglinte, D.D.T. *et al.* (A) 373
Miller, R.E.: *see* Maglinte, D.D.T. *et al.* (A) 374
Miller, R.E., and Skucas, J.: The Radiological Examination of the Colon (BR) 280
Mills, P.R.: *see* Meek, D.R. *et al.* (A) 374
Monnier, J.-P.: *see* Taboury, J. *et al.* (A) 278
Moriyama, N.: *see* Takayasu, K. *et al.* (A) 374
Morse, B.: *see* Pelaez, J.C. *et al.* (A) 273
Morton, J.A.: *see* Lappas, J.C. *et al.* (A) 277
Moss, A.A.: *see* Demas, B.E. *et al.* 219
Moss, A.A.: *see* Jeffrey, R.B. *et al.* (A) 86
Moss, A.A.: *see* Karasawa, E. *et al.* (A) 179
Moss, A.A.: *see* Stark, D.D. *et al.* (A) 279
Moss, A.A., Gamsu, G., and Genant, H.K.: Computed Tomography of the Body (BR) 377
Mueller, P.R.: *see* Sonnenberg, E. van, *et al.* 85
Munitz, H.A.: *see* Ott, D.J. *et al.* 193
Muramatsu, Y.: *see* Takayasu, K. *et al.* (A) 374
Myllarniemi, H.: *see* Keto, P. *et al.* (A) 275
Nakamurak, K.: *see* Yamada, R. *et al.* (A) 178
Nakanishi, Y.: *see* Sato, T. *et al.* 23
Neff, C.C.: *see* Sonnenberg, E. van, *et al.* (A) 85
Nenci, R.: *see* Bartoli, E. *et al.* 35
Neuser, D.: *see* Lüning, M. *et al.* (A) 273
Nickels, J.: *see* Keto, P. *et al.* (A) 275
Nishizawa, M.: *see* Shirakabe, H. *et al.* (BR) 181
Nissan, S.: *see* Udassin, R. *et al.* 9
Nunes, J.R., Sonnenberg, E. van, Pressman, J.H., and Polansky, A.D.: Suture Line Ulceration: A Complication of Gastric Partitioning 315
Nyberg, M.: *see* Jarvinen, H.J. *et al.* (A) 85
Obrecht, W.F., Jr., Wu, W.C., Gelfand, D.W., and Ott, D.J.: The Extent of Successful Colonoscopy: A Second Assessment Using Modern Equipment 161
O'Connell, E.W., Seaman, W.B., and Ghahremani, G.G.: Radiation-Induced Esophageal Carcinoma 287
O'Connor, K.W., Snodgrass, P.J., Swonder, J.E., Mahoney, S., Burt, R., Cockerill, E.M., and Lumeng, L.: A Blinded Prospective Study Comparing Four Current Non-Invasive Approaches in the Differential Diagnosis of Medical vs. Surgical Jaundice (A) 87
Oettlé, J.G.: *see* Segal, I. *et al.* 115
Okawa, M.: *see* Sato, T. *et al.* 23
Olmstead, W.W., Lichtenstein, J.E., and Hyams, V.J.: Polypoid Epithelial Malignancies of the Esophagus (A) 86
Op den Orth, J.O.: *see* Roos, A. de, *et al.* (A) 87
Otomo, K.: *see* Furui, S. *et al.* (A) 375
Ott, D.J., Gelfand, D.W., Munitz, H.A., and Chen, Y.M.: Cold Barium Suspensions in the Clinical Evaluation of the Esophagus 193
Ott, D.J., Gelfand, D.W., Wu, W.C., and Ablin, D.S.: Colon Polyp Morphology on Double-Contrast Barium Enema: Its Pathologic Predictive Value (A) 276
Ott, D.J., Wu, W.C., Gelfand, D.W., and Richter, J.E.: Radiographic Evaluation of the Achalasic Esophagus Immediately Following Pneumatic Dilatation . . . 185
Ott, D.J.: *see* Obrecht, W.F. *et al.* 161
Pais, S.O.: *see* Flannigan, B.D. *et al.* (A) 86
Papini, J.J.: Biopsy of Focal Hepatic Lesions: Comparison of 18 and 22 Gauge Needles (A) 86
Patel, V.: *see* Segal, I. *et al.* 115
Patterson, D.: *see* Skellenger, M.E. *et al.* (A) 87
Pelaez, J.C., Hill, M.C., Dach, J.L., Isikoff, M.B., and Morse, B.: Abdominal Aspiration Biopsy – Sonographic vs. Computed Tomographic Guidance (A) 273
Peltokallio, P.: *see* Jarvinen, H.J. *et al.* (A) 85
Pérez, C., Cáceres, J., and Valls, J.: Carcinoma of the Hepatic Flexure with Proximal Lymphatic Invasion Mimicking Crohn's Disease 365
Pery, M.: *see* Kaftori, J.K. *et al.* 137
Peter, F.W.: *see* Schorner, W. *et al.* (A) 179
Peters, P.E.: *see* Lorenz, R. *et al.* 213
Peterson, L.A.: *see* Maglinte, D.D.T. *et al.* (A) 374
Phatak, M.G., Frank, S.J., and Ellis, J.J.: Computed Tomography of Bowel Perforation 133
Picus, D., McClennan, B.L., Balfe, D.M., Roper, C.L., and Berrigan, T.: "Discphagia": A Case Report . . 5
Picus, D., and Shackelford, G.D.: Perforated Appendix Presenting with Severe Diarrhea (A) 275
Pillari, G., Greenspan, B., Vernace, F.M., and Rosenblum, G.: Computed Tomography of Diverticulitis 263
Pink, R., Kelvin, F.M., and Grant, J.P.: Duodenocolic Fistula due to Adenocarcinoma of the Pancreas . . 235
Polansky, A.D.: *see* Nunes, J.R. *et al.* 315
Ponette, E.: *see* Marchal, G. *et al.* 329
Ponette, E.: *see* Van Steenbergen, W. *et al.* 293
Porcel, A.: *see* Taboury, J. *et al.* (A) 278
Posen, J.A.: *see* Essop, A.R. *et al.* (A) 376
Possati, L.: *see* Bolondi, L. *et al.* (A) 375
Pötsche, B.: *see* Lüning, M. *et al.* (A) 273
Pressman, J.H.: *see* Nunes, J.R. *et al.* 315
Pringot, J.: *see* Mahieu, P. *et al.* 247
Pringot, J.: *see* Mahieu P. *et al.* 253
Quinn, S.F., Shaffer, H.A. Jr., Willard, M.R., and Ross, S.: Bull's-Eye Lesions: A New Gastrointestinal Presentation of Mastocytosis 13
Rachlin, W.S.: *see* McArdle, C.R. *et al.* 239
Radin, D.R., Chandrasoma, P., and Halls, J.M.: Colonic Malacoplakia 359

Ratcliffe, J.: *see* Wilkinson, M. *et al.* 223
Rattner, D.W., Schapiro, R.H., and Warshaw, A.L.: Abnormalities of the Pancreatic and Biliary Ducts in Adult Patients with Choledochal Cysts (A) 85
Rayter, Z.: *see* Grundy, A. *et al.* 319
Rego, J.: *see* Jeffrey, R.B. *et al.* (A) 86
Reinig, J.W., Stanley, J.H., and Schabel, S.I.: CT Evaluation of Thickened Esophageal Walls (A) 87
Reiser, M.: *see* Rupp, N. *et al.* (A) 175
Richter, J.E.: *see* Ott, D.J. *et al.* 185
Ritano, D.: *see* Sansot, M. *et al.* (A) 277
Robotti, G.: *see* Triller, J. *et al.* (A) 273
Roche, R.R.: *see* Clements, J.L. Jr., *et al.* 17
Romano, F.T.: *see* Lyon, J. *et al.* (A) 375
Roos, A. de, and Op den Orth, J.O.: Linear Niches in the Duodenal Bulb (A) 87
Roper, C.L.: *see* Picus, D. *et al.* 5
Rosenak, B.: *see* Maglinte, D.D.T. *et al.* (A) 373
Rosenblum, G.: *see* Pillari, G. *et al.* 263
Ross, S.: *see* Quinn, S.F. *et al.* 13
Roux, P.: *see* Bruneton, J.N. *et al.* (A) 176
Roux, P.: *see* Bruneton, J.N. *et al.* (A) 177
Rubenstein, W.A., Auh, Y.H., Whalen, J.P., and Kazam, E.: Computed Tomographic and Ultrasound Imaging (A) 178
Rubenstein, Z.: *see* Solomonowitz, A. *et al.* 53
Rubin, J.M.: *see* Kerber, G.W. *et al.* 143
Rückert, K.: *see* Günther, R.W. *et al.* (A) 179
Rupp, N., Reiser, M., and Stetter, E.: The Clinical and Radiologic Significance of the Various Parameters for NMR Tomography of the Abdomen (A) 175
Rushovich, A.M.: *see* Gharemani, G.G. *et al.* 93
Russell, R.I.: *see* Meek, D.R. *et al.* (A) 374
Rust, R.J., Kopecky, K.K., and Holden, R.W.: The Triangle Sign: A CT Sign of Intraperitoneal Fluid . . . 107
Sakai, Y.: *see* Sato, T. *et al.* 23
Salmonowitz, E., Frick, M.P., and Lund, G.: Radiologic Diagnosis of Wandering Spleen Complicated by Splenic Volvulus and Infarction 57
Sansot, M., Le Treut, Y., Burger, G., Marlois, O., and Jouve, P.: Echographic Findings in Pseudotumoral Type A Hydatic Cyst of the Liver. A Report of 7 Cases (A) 178
Sansot, M., Vadrot, D., Ritano, D., and Jouve, P.: Sonographic Images of the "Partitioned" Gallbladder (A) 277
Sarno, R.C., and Carter, B.L.: Computed Tomography in Caroli's Disease (A) 177
Sato, M.: *see* Yamada, R. *et al.* (A) 178
Sato, T., Sakai, Y., Sonoyama, A., Kawamoto, S., Okawa, M., Kajita, A., Tanaka, H., Nakanishi, K., Fujino, Y., and Fujita, M.: Radiologic Spectrum of Rectal Carcinoid Tumors 23
Savitch, I.: *see* Essop, A.R. *et al.* (A) 376
Scattone, S.: *see* Casula, G. *et al.* 171
Schabel, S.I.: *see* Reinig, J.W. *et al.* (A) 87
Schapiro, R.H.: *see* Rattner, D.W. *et al.* (A) . . . . .
Schild, H., Günther, R., Hoffman, J., and Goedecke, R.: GT-Guided Celiac Plexus Block (A) 176
Schild, H.: *see* Kuhn, F.-P. *et al.* (A) 175
Schils, J.: *see* Van Gansbeke, D. *et al.* 335
Schindler, G.: *see* Bautz, W. *et al.* (A) 88
Schisgall, R.M.: Use of the Barium Swallow in the Diagnosis of Acute Appendicitis (A) 275
Schmidt, H.D.: *see* Günther, R. *et al.* (A) 177
Schorner, W., Claussen, C., and Peter, F.W.: The Role of Hypotonic Duodenography in Pancreatic Disease: Comparison with Computed Tomography (A) . . . 179
Schreyer, Th.: *see* Kuhn, F.-P. *et al.* (A) 175
Schröder, T.: *see* Kivisaari, L. *et al.* 27
Seaman, W.B.: *see* O'Connell, E.W. *et al.* 287
Segal, I., Epstein, B., Lawson, H.H., Solomon, A., Patel, V., and Oettlé, J.G.: The Syndromes of Pancreatic Pseudocysts and Fluid Collections 115
Seltzer, S.E.: Abnormal Intraabdominal Gas Collections Visualized on Computed Tomography: A Clinical and Experimental Study 127
Shackelford, G.D.: *see* Picus, D. *et al.* (A) 275
Shaffer, H.A. Jr.: *see* Quinn, S.F. *et al.* 13
Sharon, N.: *see* Maroko, I. *et al.* 105
Sheu, J.C., Sung, J.L., Chen, D.S., Yu, L.Y., Wang, T.H., Su, C.T., and Tsang, Y.M.: Ultrasonography of Small Hepatic Tumors Using High Resolution Linear-Array Real-Time Instruments (A) 375
Shin, M.S.: *see* Ho, K.-J. *et al.* 77
Shirakabe, H., Nishizawa, M., Maruyama, M., and Kobayashi, S.: Atlas of X-Ray Diagnosis of Early Gastric Cancer (BR) 181
Shorthouse, A.J.: *see* Grundy, A. *et al.* 319
Sibert, A.: *see* Blangy, S. *et al.* (A) 376
Sibley, R.E.: *see* Martin, E.C. *et al.* 207
Siegelman, S.S.: *see* Fishman, E.K. *et al.* 149
Simeone, J.F.: *see* Sonnenberg, E. van, *et al.* 85
Simonetti, G.: *see* Casula, G. *et al.* 171
Skellenger, M.E., Patterson, D., Foley, N.T., and Jordan, P.H. Jr.: Cholestasis due to Compression of the Common Bile Duct by Pancreatic Pseudocysts (A) . . . 87
Skucas, J.: *see* Miller, R.E. *et al.* (BR) 280
Smith, C.L.: *see* Dewbury, K.C. *et al.* (A) 176
Snodgrass, P.J.: *see* O'Connor, K.W. *et al.* (A) 87
Solomon, A.: *see* Segal, I. *et al.* 115
Solomon, H.: *see* Barmeir, E.P. *et al.* 203
Solomonowitz, A., and Rubenstein, Z.: Importance of the Falciform Ligament, Ligamentum Teres, and Splenic Hilus in the Spread of Malignancy as Demonstrated by Computed Tomography 53
Somer, K., Kivisaari, L., Standertskjöld-Nordenstam, C.-G., and Kalima, T.V.: Contrast-Enhanced Computed Tomography of the Gallbladder in Acute Pancreatitis 31
Somer, K.: *see* Kivisaari, L. *et al.* 27
Somers, S.: *see* Thompson, G. *et al.* (A) 275
Sonnenberg, E. van, Ferrucci, J.T., Neff, C.C., Mueller, P.R., Simeone, J.F., and Wittenberg, J.: Biliary Pressure: Manometric and Perfusion Studies at Percutaneous Transhepatic Cholangiography (PTC) and Percutaneous Biliary Drainage (A) 85
Sonnenberg, E. van: *see* Nunes, J.R. *et al.* 315
Sonoyama, A.: *see* Sato, T. *et al.* 23
Souchon, R., Baer, U., Bauknecht, K.J., and Kania, U.: The Radiological Contribution to the Diagnosis of Gallstone Ileus (A) 88
Stambuck, E.C.: *see* Flannigan, B.D. *et al.* (A) 86
Standertskjöld-Nordenstam, C.-G.: *see* Kivisaari, L. *et al.* 27
Standertskjöld-Nordenstam, C.-G.: *see* Somer, K. *et al.* 31
Stanley, J.H., Yantis, P.L., and Marsh, W.H.: Periportal Tuberculous Adenitis: A Rare Cause of Obstructive Jaundice 227
Stanley, J.H.: *see* Reinig, J.W. *et al.* (A) 87
Staritz, M.: *see* Günther, R. *et al.* (A) 177
Stark, D.D., Moss, A.A., Goldberg, H.I., Deveney, C.W., and Way, L.: Computerized Tomography (CT) and Nuclear Magnetic Resonance (NMR) Imaging of Pancreatic Islet Cell Tumors (A) 279
Steiner, H., Lammer, J., and Hackl, A.: Lymphatic Metastases to the Esophagus 1

Stetter, E.: *see* Rupp, N. *et al.* (A) 175
Stevenson, G.W.: *see* Thompson, G. *et al.* (A) 275
Stollman, Y.: *see* Weiner, S.N. *et al.* 123
Strijk, S.P., Boetes, C., and Yap, S.H.: Anomalous Pancreaticobiliary Duct Union Associated with Bile Duct Carcinoma 49
Struyven, J.: *see* Van Gansbeke, D. *et al.* 335
Struyven, J.: *see* Van Gansbeke, D. *et al.* 341
Su, C.T.: *see* Sheu, J.C. *et al.* (A) 375
Subramanyam, B.R.: *see* Balthazar, E.J. *et al.* 81
Sung, J.L.: *see* Sheu, J.C. *et al.* (A) 375
Suoranta, H.: *see* Keto, P. *et al.* (A) 275
Suzuki, M.: *see* Takayasu, K. *et al.* (A) 374
Swonder, J.E.: *see* O'Connor, K.W. *et al.* (A) 87
Taboury, J., Porcel, A., Tubiana, J.-M., and Monnier, J.-P.: Cavernous Hemangiomas of the Liver Studied by Ultrasound (A) 278
Takashima, S.: *see* Yamada, R. *et al.* (A) 178
Takayasu, K., Moriyama, N., Muramatsu, Y., Suzuki, M., Yamada, T., Kishi, K., Hasagawa, H., and Okazaki, N.: Hepatic Arterial Embolization for Hepatocellular Carcinoma (Comparison of CT Scans and Resected Specimens) (A) 374
Tanaka, H.: *see* Sato, T. *et al.* 23
Taylor, W.F.: *see* Johnson, C.D. *et al.* (A) 88
Teefey, S.A., and Carlson, H.C.: The Fluoroscopic Barium Enema in Colonic Polyp Detection (A) 276
Telepak, R.J., Huggins, T.J., and Bova, J.G.: Tuboovarian Abscess Simulating Giant Colonic Diverticulum 369
Teplick, S.K.: *see* Bronen, R.A. *et al.* (A) 276
Thoeni, R.F., Vandeman, F., and Wall, S.D.: Effect of Glucagon on the Diagnostic Accuracy of Double-Contrast Barium Enema Examinations (A) 276
Thompson, G., Somers, S., and Stevenson, G.W.: Benign Gastric Ulcer: Reliable Radiologic Diagnosis? (A) 275
Thompson, J.J.: *see* Levine, S.S. *et al.* (A) 373
Tischler, J.M.: *see* Ho, K.-J. *et al.* 77
Tischler, J.M., Han, S.Y., and Helman, C.A.: Esophageal Involvement in Epidermolysis Bullosa Dystrophica (A) 274
Treugut, H., Buck, J., and Zieger, M.: Innominate Grooves – A Discussion (A) 176
Triller, J., and Robotti, G.: Computed Tomography of Primary Mesenteric Tumors (A) 273
Tsang, Y.M.: *see* Sheu, J.C. *et al.* (A) 375
Tubiana, J.-M.: *see* Taboury, J. *et al.* (A) 278
Tunell, W.P.: *see* Kuhn, J.R. *et al.* (A) 274
Udassin, R., Aviad, I., Vinograd, I., and Nissan, S.: Isolated Emphysematous Gastritis in an Infant 9
Vadrot, D.: *see* Sansot, M. *et al.* (A) 277
Vahey, T.N.: *see* Maglinte, D.D.T. *et al.* (A) 374
Valls, J.: *see* Pérez, C. *et al.* 365
Vandeman, F.: *see* Thoeni, R.F. *et al.* (A) 276
Van Gansbeke, D., De Toef, J., Cremer, M., Engelholm, L., and Struyven, J.: Suprahepatic Gallbladder: A Rare Congenital Anomaly 341
Van Gansbeke, D., Van Gossum, A., Schils, J., Engelholm, J., Cremer, M., and Struyven, J.: Sonographic Monitoring of Biliary Endoprostheses 335
Van Gossum, A.: *see* Van Gansbeke, D. *et al.* 335
Vanneste, A.: *see* Marchal, G. *et al.* 329
Van Steenbergen, W., Fevery, J., Broeckaert, L., Porette, E., Baert, A., and De Groote, J.: Intramural Hematoma of the Esophagus: Unusual Complication of Variceal Sclerotherapy 293
Van Steenbergen, W.: *see* Marchal, G. *et al.* 329
Velasco, M.: *see* Martinez, A. *et al.* 231
Vernace, F.M.: *see* Pillari, G. *et al.* 263
Vinograd, I.: *see* Udassin, R. *et al.* 9
Vock, P.: *see* Becker, C.D. *et al.* 323
Wall, S.: *see* Jeffrey, R.B. *et al.* (A) 86
Wall, S.D.: *see* Thoeni, R.F. *et al.* (A) 276
Wang, T.H.: *see* Sheu, J.C. *et al.* (A) 375
Warshaw, A.L.: *see* Rattner, D.W. *et al.* (A) 85
Wassmann, H.S.: *see* Elkin, C.M. *et al.* (A) 374
Watanabe, K.: *see* Kusuhara, T. *et al.* 305
Way, L.: *see* Stark, D.D. *et al.* (A) 279
Weiland, L.P.: *see* Johnson, C.D. *et al.* (A) 88
Weiner, S.N., Das, K., Gold, M., Stollman, Y., and Bernstein, R.G.: Demonstration of an Internal Pancreatic Fistula by Computed Tomography 123
Weissman, H.S.: *see* Winn, M. *et al.* (A) 374
Whalen, J.P.: *see* Rubenstein, W.A. *et al.* (A) 178
Wiesner, R.H.: *see* MacCarty, R.L. *et al.* (A) 177
Wiesner, R.H.: *see* MacCarty, R.L. *et al.* (A) 278
Wilkinson, M., Michell, M., Alexander, G., Ratcliffe, J., Larkworthy, W., and Williams, R.: Difficulty in Diagnosing Hemobilia from a Hepatic Artery Aneurysm: Value of Endoscopic Retrograde Cholangiography 223
Willard, M.R.: *see* Quinn, S.F. *et al.* 13
Williams, R.: *see* Wilkinson, M. *et al.* 223
Wimbish, K.J.: *see* Agha, F.P. *et al.* 297
Winkel, K. zum: *see* Kober, B. *et al.* (A) 178
Winkler, R.: *see* Grabbe, E. *et al.* (A) 277
Winn, M., Weissmann, H.S., Sprayrigen, S., and Freeman, L.M.: The Radionuclide Detention of Lower Gastrointestinal Bleeding Sites (A) 374
Wittenberg, J.: *see* Sonnenberg, E. van, *et al.* (A) . . . 85
Wu, W.C.: *see* Obrecht, W.F. *et al.* 161
Wu, W.C.: *see* Ott, D.J. *et al.* 185
Wu, W.C.: *see* Ott, D.J. *et al.* (A) 276
Yamada, R., Sato, M., Kawabata, M., Kakatsuka, H., Nakamurak, K., and Takashima, S.: Hepatic Artery Embolization in 120 Patients with Unresectable Hepatoma (A) 178
Yamada, T.: *see* Takayasu, K. *et al.* (A) 374
Yantis, P.L.: *see* Stanley, J.H. *et al.* 227
Yap, S.H.: *see* Strijk, S.P. *et al.* 49
Yu, L.Y.: *see* Sheu, J.C. *et al.* (A) 375
Zieger, M.: *see* Treugut, H. *et al.* (A) 176
Zinreich, E.S.: *see* Fishman, E.K. *et al.* 149

Subject Index

(A) = Abstract

Abdomen
−, abdominal walls, hernia and gastric involvement . . 311
−, abnormal gas collections of, CT demonstration; clinical experimentation study 127
−, abscess of, GI tract fistulous communication 65
−, abscess of, percutaneous drainage (A) 175
−, abscess, tuboovarian, mimicking giant colonic diverticulum 369
−, ascites, triangle sign on CT 107
−, aspiration biopsy, CT and US guidance (A) 273
−, blunt trauma to, US (A) 175
−, intraabdominal retained gauze, US of 51
−, NMR, clinical and radiologic significance of the various sequences (A) 175
−, radiography of silent abdominal abscess (A) 273
−, spigelian hernia, CT and US 81
Adrenals
−, CT guided fine-needle biopsy (A) 273
Angio-CT (*see* Liver)
Angiography (*see* Biliary ducts, hemobilia)
Appendix
−, acute appendicitis, diagnosis by use of barium swallow (A) 275
−, perforated, severe diarrhea presenting symptom (A) 275
Biliary ascites
−, US, CT and cholescintigraphy 213
Biliary ducts
−, anomalies of, pancreatic duct and choledochal cyst (A) 85
−, arteriobiliary fistula, angiographic demonstration . . 171
−, biliary involvement in familial adenomatosis coli (A) 85
−, biliary pressure: PTC percutaneous biliary drainage (A) 85
−, calculi, percutaneous transhepatic fragmentation (A) 177
−, carcinoma in anomalous pancreaticobiliary union 49
−, Caroli's disease: CT (A) 177
−, cholangiocarcinoma, seeding along T-tube tracts . . 197
−, choledochal distensibility at ERCP (A) 177
−, cholestasis by compression of CBD by pancreatic pseudocyst (A) 87
−, CT in choledocholithiasis (A) 86
−, intrahepatic cholestasis, radionuclide diagnosis . . . 163
−, lithiasis of, misdiagnosis by US (A) 176
−, percutaneous transhepatic biliary drainage 207
−, percutaneous transhepatic removal of CBD calculi (A) 278
−, primary sclerosing cholangitis; ERCP and PTC (A) 177
−, sclerosing cholangitis, radiographic features 39
−, US of biliary endoprostheses 335
−, US of intraluminal bile duct neoplasm 329
Book Reviews
−, alimentary tract radiology 181
−, atlas of radionuclide hepatability imaging 90
−, atlas of X-ray diagnosis of early gastric cancer . . . 181
−, clinical gastroenterology 378
−, computed tomography of the body 377
−, computed tomography of the retroperitoneum, an anatomical and pathological atlas with emphasis on the fascial planes 280
−, radiology of the gallbladder and bile ducts: diagnosis and intervention 182
−, radiology of the pancreas 89
−, radiologic atlas of the colon and rectum 378
−, the radiological examination of the colon 280
−, radiology of the stomach 89
−, ultrasound imaging, liver, spleen, pancreas 90
Carcinoid (*see* Duodenum, Rectum)
Caroli's disease
−, CT findings in (A) 177
Celiac plexus
−, CT guided block of (A) 176
Choledochal cyst (*see* Pancreatic duct, Biliary ducts)
Colon
−, allergic reaction, complication of barium enema . . 357
−, barium enema post endoscopy (A) 277
−, brachycolon, differential diagnoses 363
−, carcinoma of, associated with diffuse lymphoid follicles (A) 276
−, carcinoma of; double and single contrast B.E. (A) 88
−, carcinoma of hepatic flexure with ileocolic lymphangitic metastases 65
−, colonoscopy, critical review 161
−, CT of diverticulitis 263
−, diagnostic accuracy of double-contrast barium enema with and without glucagon (A) 276
−, familial adenomatosis coli, biliary involvement (A) 85
−, fluoroscopic barium enema in detection of polyps of (A) 276
−, iatrogenic trauma to 69
−, innominate grooves of (A) 176
−, malakoplakia of 359
−, morphology of polyp of, on double-contrast barium enema (A) 276
−, pseudomembranous colitis, CT 73
−, submucosal lipoma, adenomatous polyp, CT . . . 77
−, varices of, caused by carcinoid tumor 269
−, yersinia enterocolitica colitis in infant: radiography of (A) 86
Colorectum
−, biopsy of: safe interval before barium enema . . . 69
Computerized tomography (CT) (*see* Abdomen, Adrenal, Celiac plexus, Colon, Diaphragm, Hernia, Pancreas, PTHC, Rectum)
Crohn's Disease
−, complications of, CT evaluation 143
−, US of 137
Defecography (*see* Rectum)
Diaphragm
−, hernia of Morgagni, CT diagnosis 153
Duodenum
−, carcinoid of 23
−, linear niches of bulb (A) 87
−, mastocytosis, bull's eye lesions 13
ERCP (*see* Biliary ducts, Hemobilia, Sclerosing Cholangitis)
−, and PTHC in primary sclerosing cholangitis (A) . . 278
−, US in hepatic, biliary and pancreatic diseases (A) . . 278
Esophagus
−, achalasia, pneumatic dilatation with immediate radiography 185
−, adenocarcinoma of, relationship to Barrett mucosa (A) 373
−, apthous ulcers of, in Crohn's disease of ileum and colon 197
−, barium, flow artifact 99

−, calcified duplication cyst of 105
−, carcinoma of, radiation induced 287
−, CT evaluation of thickened walls of (A) 87
−, discphagia 93
−, epidermolysis bullosa dystrophica (A) 274
−, giant fibrovascular polyp of 301
−, glycogenic acanthosis of 93
−, herpes simplex esophagitis (A) 274
−, hirsute 277
−, initial cineesophagography in caustic injury of (A) 274
−, intramural hematoma of, complication of variceal scleropathy 293
−, lymphatic metastases to the 1
−, polypoid epithelial malignancies of (A) 86
−, radiography of, with cold barium suspensions . . . 193
−, reconstructive surgery, complication, hirsute 297
−, strictures of, candidiasis-induced 283
−, transient intraluminal diverticulum of 99
−, tube esophagography (A) 274
Fascioliasis (*see* Liver)
Gallbladder
−, partitioned, US (A) 277
−, US of, in pregnancy 37
−, CT-contrast-enhanced walls of, in acute pancreatitis 31
−, septate, flattened fundus sign 345
−, suprahepatic 341
−, US and CT of gas-containing calculi of 323
Gastrointestinal tract (*see* Abdomen)
−, carcinoma of small bowel and colon, complication of Crohn's disease (A) 373
−, low density BA and fluoroscopically controlled examination of upper (A) 176
−, perforation of, CT demonstrated 133
Hemobilia
−, from hepatic A. aneurysm; ERCP 223
−, ruptured hepatic A. aneurysm, angiography 171
Hernia
−, of Morgagni, CT diagnosis 153
Intervertebral disc (*see* Esophagus)
Intra-arterial digital subtraction angiography (DSA) (*see* Liver)
Jaundice
−, by periportal tuberculous adenitis 227
−, intra- and extrahepatic; differential diagnosis (A) . . 87
Liver
−, angio-CT in malignant lesions of (A) 178
−, cavernous hemangiomas of, US 278
−, congenital cysts of, US (A) 177
−, CT, US, scintigraphy in alcoholic liver disease (A) 374
−, falciform ligamentum teres, splenic hilus: importance of in malignant seeding 53
−, focal hepatic lesions, biopsy of (A) 86
−, hepatocellular carcinoma, embolization; comparison of CT scans and rejected specimens (A) 374
−, hepatocellular carcinoma, embolization, follow-up by CT (A) 375
−, human fascioliasis, CT findings 157
−, hydatic cyst Type A, US (A) 178
−, intra-arterial DSA and conventional hepatic arteriography (A) 86
−, malignant mesenchymal tumors of, CT (A) 178
−, peliosis hepatis, diagnosis by magnified hepatic wedge venography (A) 375
−, perihepatic spaces: CT and US demonstration (A) 178
−, scintigraphy in tuberculous hepatitis (A) 376
−, unresectable hepatoma, hepatic A embolization (A) 178
−, US of portal venous system in portal hypertension, and post-portosystemic shunt (A) 375
−, US of small tumors of, by high resolution instruments (A) 375
Magnetic resonance imaging (MRI) (*see* Abdomen, Pancreas)
Mastocytosis (*see* Duodenum, Stomach)
Meckel's diverticulum
−, scintigraphy in 353
Mesentery
−, primary tumors of, CT (A) 273
Pancreas
−, acute hemorrhagic, necrotizing pancreatitis: contrast-enhanced CT 27
−, acute pancreatitis: CT-contrast-enhanced gallbladder wall 31
−, adenocarcinoma of, with duodenocolic fistula . . . 235
−, CT and MRI in pancreatic islet cell tumor (A) . . . 279
−, CT in cancer of, and chronic pancreatitis (A) . . . 179
−, cystic neoplasms of (A) 179
−, cystic neoplasms of (A) 279
−, fine-needle biopsy of, US guided 231
−, hypotonic duodenography in diseases of the (A) . . 179
−, internal pancreatic fistula, CT 123
−, islet cell tumors of, CT and US demonstration (A) 179
−, peripancreatic lymph node enlargement (A) 376
−, pseudocyst 115
−, pseudocyst of, compressing CBD with secondary Cholestasis (A) 87
−, US, real-time, of duct of Wirsung (A) 376
Pancreatic duct
−, abnormal, biliary duct and choledocal cyst (A) . . . 85
Peliosis hepatitis (*see* Liver)
Percutaneous drainage (*see* Abdomen abscess)
Percutaneous biliary drainage
−, CT in complications of 219
Percutaneous transhepatic cholangiography (PTHC) (*see* Biliary ducts, Sclerosing cholangitis)
Percutaneous transhepatic cholangiography
−, CT in complications of 219
Peritoneum
−, tuberculosis of, US (A) 175
Pregnancy (*see* Gallbladder)
Primary sclerosing cholangitis
−, ERCP and PTHC in (A) 177
Rectum
−, carcinoid of 23
−, defecography: I. results in normal patients 247
−, defecography: II. diagnosis of defecation disorders 253
−, perirectal fascia in staging of cancer of (A) 277
−, serial CT of pelvis after surgery for cancer of (A) . . 277
Scintigraphy (*see* Biliary ducts, Liver, Meckel's diverticulum)
−, detection of lower gastrointestinal bleeding (A) . . . 374
−, diagnosis of gallstone ileus (A) 374
−, serendipity in, of gastrointestinal bleeding (A) . . . 374
Sclerosing cholangitis
−, radiographic features of 39
Small bowel
−, enteroclysis in detection of surgical lesions (A) . . . 373
−, enteroclysis in partial obstruction of (A) 374
−, gallstone ileus, radiography (A) 88
−, intrauterine entrapment of, complicating suction abortion 239
−, length of, measured by radiography 349
−, radiation ileitis, CT diagnosis 149
−, standard and double contrast examination of, comparison (A) 88
Spleen
−, wandering, splenic volvulus and infarction 57

Stomach
−, acute gastric anisakiasis, radiography 305
−, area gastricae in gastritis (A) 275
−, benign ulcers of, (A) 275
−, bypass surgery, radiography 203
−, emphysematous gastritis, isolated, in infant 9
−, gastrogastric intussuscepting leiomyomas 314
−, herniation in abdominal wall hernias 311
−, malignant lymphoma of, CT and US in diagnosis and followup (A) 275
−, mastocytosis, bull's eye lesions 13
−, neurogenic tumors of (A) 176
−, line ulceration in post-gastric partition 315
Ultrasonography (*see* Abdomen, Biliary ducts, Gallbladder, Stomach
−, ERCP in hepatic, biliary and pancreatic diseases (A) 278